

Twelve historical figures of the Catalan Veterinary Medicine

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Objectives

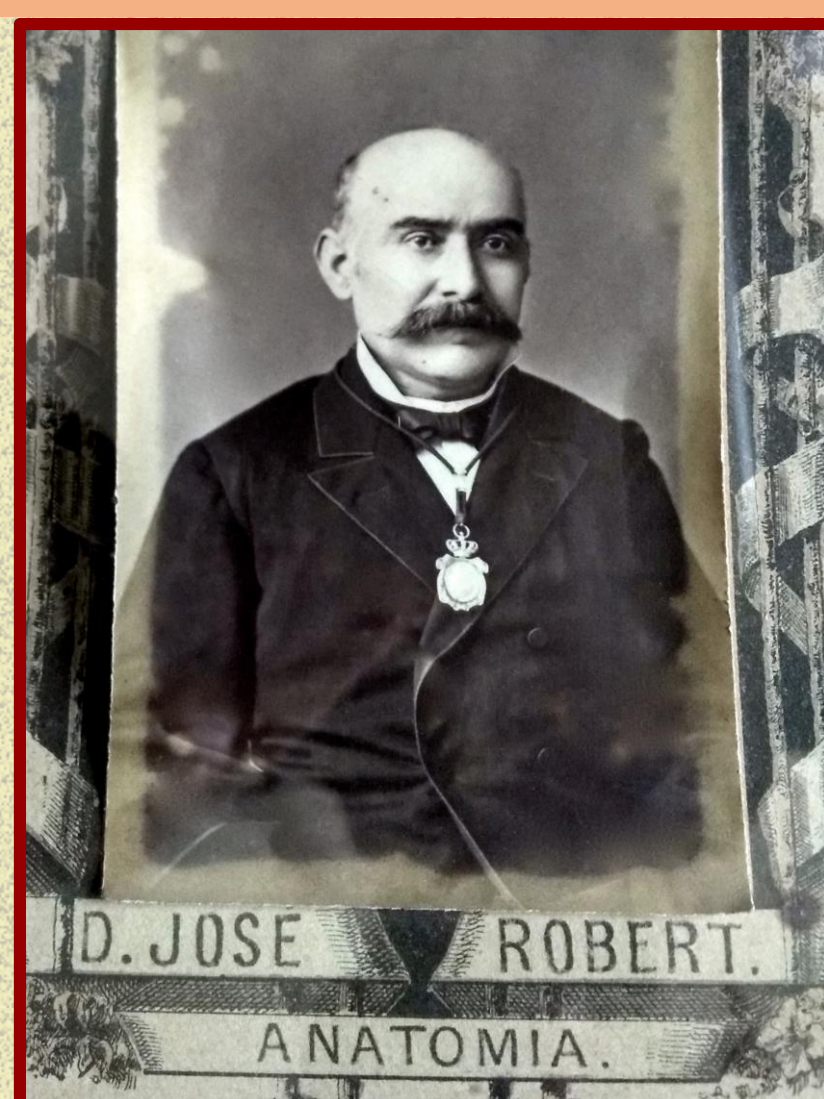
- Summarize the most important contributions of twelve veterinarians of Catalan history to the profession.
 - Try to generate interest on veterinary students by creating a poster for each character and distribute them through the study rooms of the faculty's library.
 - The selection criteria were:
- Born in Catalonia
 - Veterinarian professional activity between the XIX and XX centuries, and with a veterinary or zootechnic degree.
 - Widest possible range of professional fields: animal health, hygiene and public health, teaching, animal medicine, animal science, etc.
 - With some significant contributions done to the veterinary medicine and/or to science in general.
 - Belonging to both genres, if possible.

The twelve veterinarians

Teaching



Segimon Malats (1750?-1826)
Founder and first Director of the first Spanish Veterinary School, in Madrid.



Josep Robert (1831-1920) Professor of Anatomy, introducer of dissection and author of important Anatomy treatises.

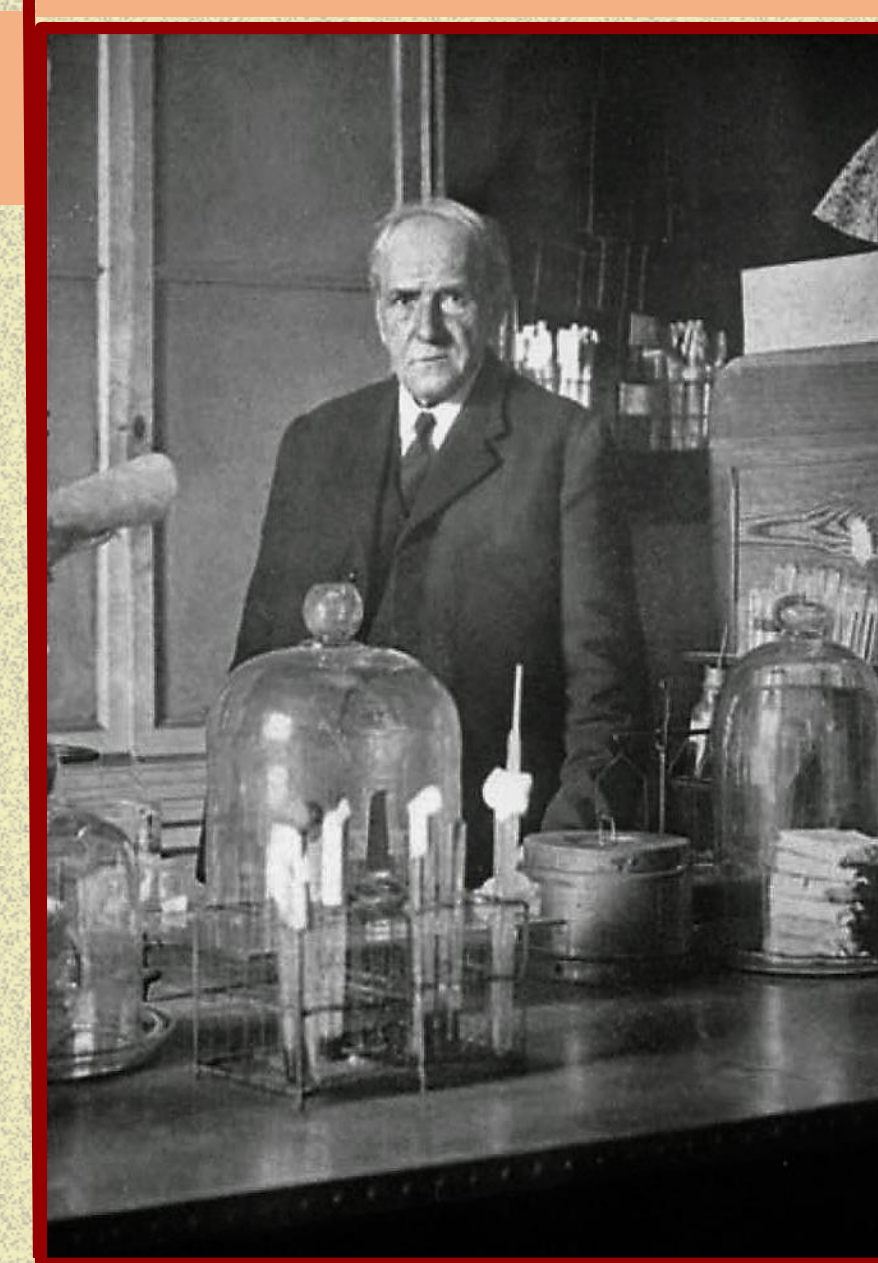
Hygiene and Public Health



Teresa Bonilla (1918-1994)
First Catalan woman who was a veterinarian. She worked in the Municipal Slaughterhouse in Barcelona.

Joan Arderius (1841-1923). Introducer of carbuncle vaccine in Catalonia. Politician, first President of Girona's Veterinary College, etc.

Bacteriology

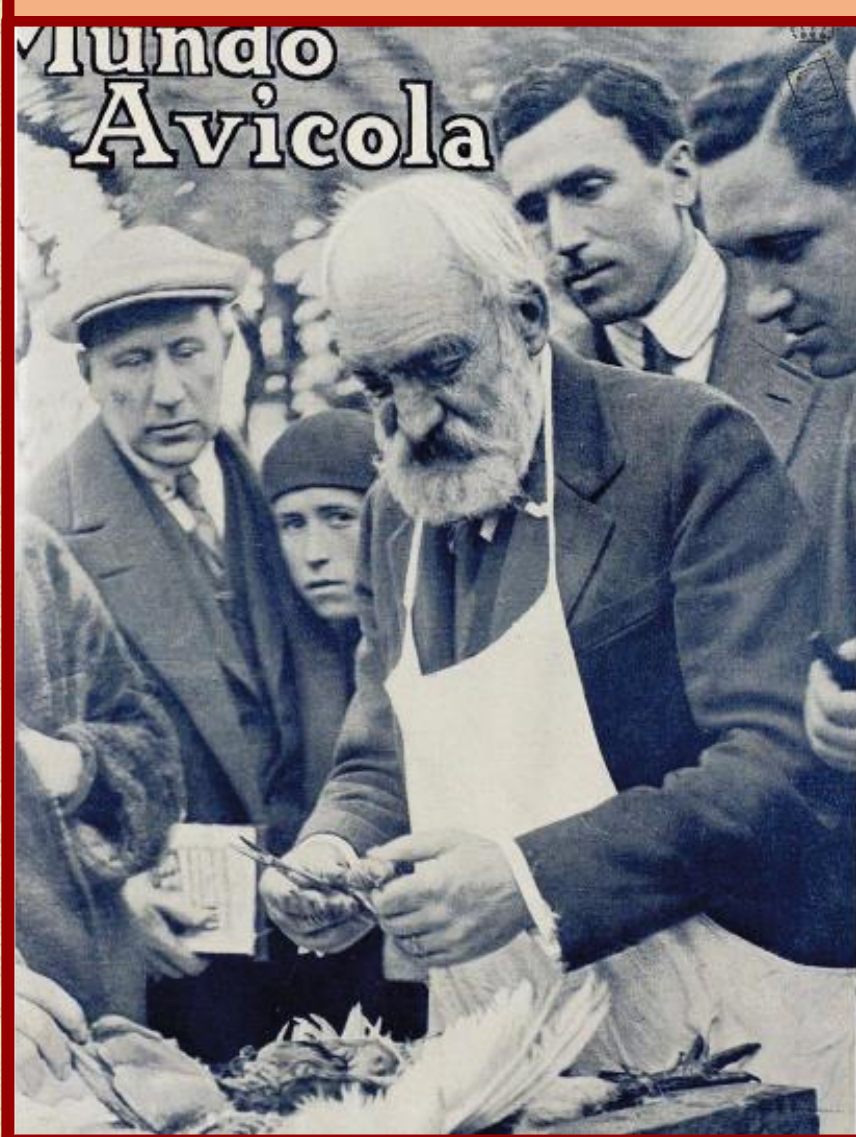


Ramon Turró (1854-1926). Bacteriologist and docent. Director of Barcelona's Municipal Laboratory and Barcelona's Veterinary College first President.



Joaquim Ravetllat (1871-1923)
Important researcher on tuberculosis, developing the "Ravetllat-Pla" serum.

Zootechnics



Salvador Castelló (1863-1950)
First specialist in poultry science. Founder of the *Real Escuela de Avicultura* in Arenys de Mar.



Pere Rossell (1883-1933). Veterinary zootechnist, docent and politician. Raciologist, working in improvement of autochthonous breeds by livestock contests, conferences, etc.

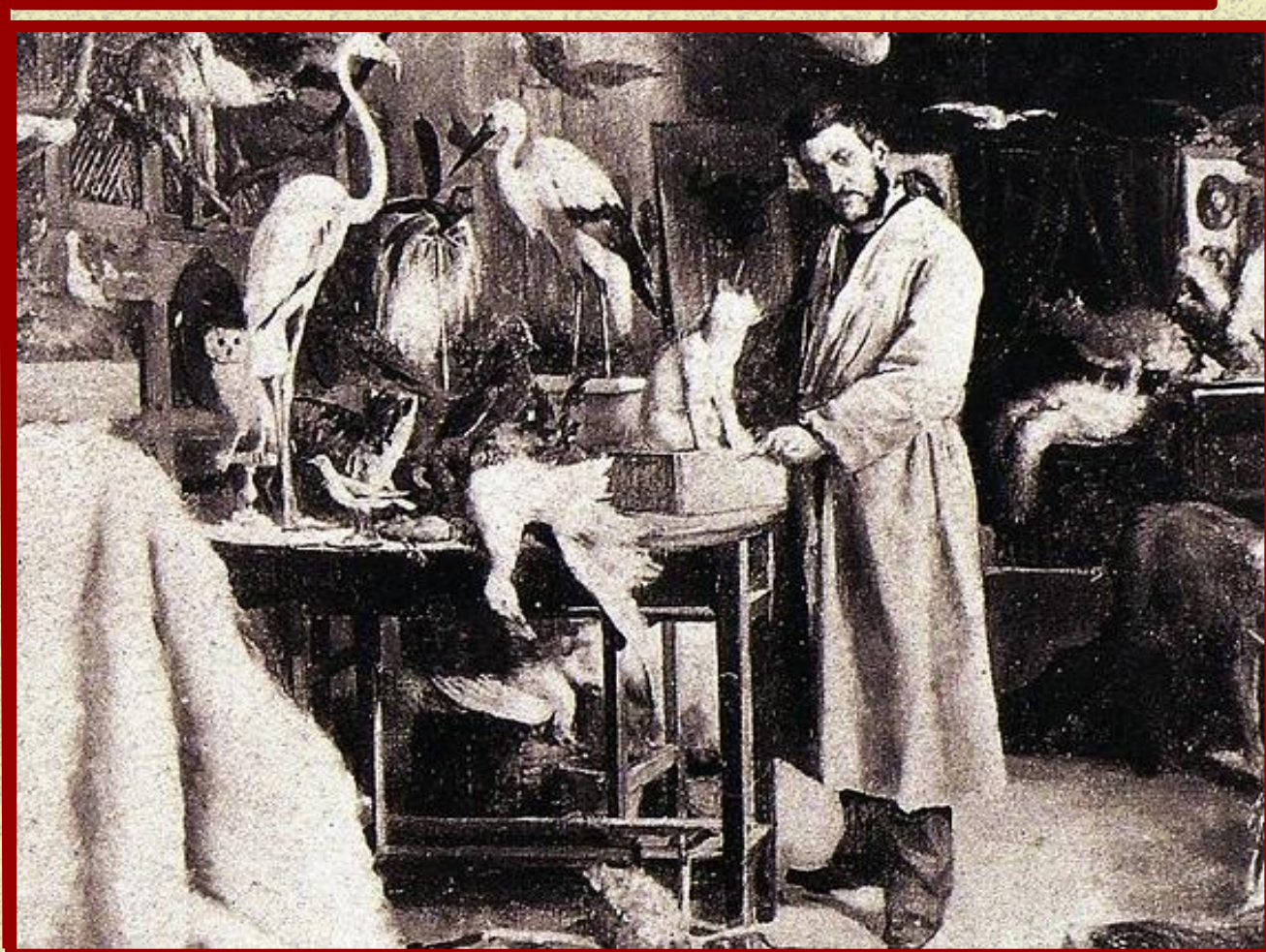
Professional Activity



Miquel Viñas (1830-1865)
Pioneer of Zootechnics in Catalonia. Founded the first professional veterinary magazine and promoted veterinary associationism.



Francesc Sagrañés (1866-1939). Creation of Municipal Board of Veterinarians. President of Barcelona's Veterinary College in 1914 and 1920.



Francesc Darder (1851-1918)
Founder and first Director of Barcelona's Zoo. Clinician, taxidermist, naturalist and editor, among other professional activities.



Pere (1876-1955) and **Josep Farreras** (1880-1914)
Founders of "*Revista Veterinaria de España*" and its *Biblioteca*, for veterinary knowledge development.

Surgery and Small Animals



Miguel Luera (1929-1996)
Small animal medicine pioneer. Founder and President of AVEPA and Surgery Specialist in the Zoo of Barcelona.

Conclusions

- Despite the classification of veterinarians in different fields made here, most of them developed professional activities in more than one work area.
- Veterinarians from the last two centuries had to struggle with discrimination from a society that didn't consider them as good as doctors in some common fields such as bacteriology, public health, etc.
- Veterinary medicine in Catalonia grew together with veterinary medicine worldwide, so we can't understand our history alone.
- Historic background (scientific discoveries, political situation, plagues and epidemics...) had an important role in the Catalan Veterinary Medicine development. The role of veterinarians participating and solving these problems was fundamental.
- Despite the absence of women, the increasing feminization of the profession will guarantee their presence in veterinary medicine history.

Photo sources: Bonilla (Guia de l'Estudiant Facultat de Veterinària UAB, curs 2001-2002), Malats (Semblanzas veterinarias, vol.2 (Universitat Autònoma de Barcelona)), Viñas (Cover of "*El Eco de la Veterinaria*" (Nº68, 1885)) © Biblioteca Universidad de Córdoba), Robert (Veterinary medicine class photograph, year 1881-1882. Property of Martí Pumarola), Arderius (<http://esmateriam.com/2012/12/28/un-espanol-en-los-campos-malditos-del-anthrax#prettyPhoto>), Darder (<https://www.elperiodico.com/es/mas-periodico/20180519/francesc-darder-amigo-bestias-6818895>), Turró (<http://malgratantic.blogspot.com/2015/03/ramon-turro-i-darder.html>), Castelló (Cover of "*Mundo Avícola*" (Vol.7(78), 1928) (Universitat Autònoma de Barcelona)), Sagrañés (*Mundo Gráfico* (Nº414) ©Biblioteca Nacional de España), Ravetllat (Semblanzas veterinarias, vol.3 (Universitat Autònoma de Barcelona)), Farreras Brothers (Martí Pumarola's collection), Rossell (Wikipedia), Luera (<https://www.avepa.org/pdf/Libro%20Miguel%20Luera.pdf> ©AVEPA). **Bibliography:** Roca i Torras, J. (1991). Historia de la veterinaria en Catalunya (1400-1980). Universitat Autònoma de Barcelona. Cordero del Campillo, M.; Ruiz Martínez, C.; Madariaga de la Campa, B. Semblanzas veterinarias. 3 v. ISBN 8440057334. (Universitat Autònoma de Barcelona) Camarasa, J. M. (1995). Ramon Turró i Darder (Girona 1854 - Barcelona 1926). El naixement de l'escola biològica catalana. In J. M. Camarasa & A. Roca-Rosell (Eds.), Ciència i tècnica als Països Catalans: una aproximació biogràfica als darrers 150 anys (pp. 681-730). Fundació Catalana per a la Recerca. Pumarola i Batlle, M. (2000). Inicis de l'organització professional veterinària. In J. Camps Rabada (Ed.), Centenari del Col·legi Oficial de Veterinaris de Barcelona (1a ed., pp. 21-27). Barcelona: Pulso ediciones S.A. Gratacós i Masanella, J. et al. (2006). Cent anys de veterinària a Girona. (V. Ricart i Delga, Ed.) (1a ed.). Figueres: BRAU.